

**Abstract Of The Disclosure**

- A time division multiple access cellular radio telecommunications network is disclosed, in which physical channels may be reused in the same cell. Reused channels on the up link are differentiated by a time shift between them. Same cell reuse (SCR)
- 5 can thus be implemented in a TDMA (GSM) system without assigning different signatures to SDMA users sharing the same physical channel.

005727: 04926260